

Weekly report

1 Done.

1.1 Overview.

My schedule is confusing in the last week, thus I have made little progress. I focused on the second submission of vast until Wednesday. On Tuesday, I went to the class party (once a year). In addition, I took my aunt around Hangzhou on weekends.

1.2 Idea Improvement.

We have updated the system design in accordance with the discussion with a student (from LIST, studying the graph privacy algorithm).

- No anonymization can deal with all de-anonymizations. Therefore, it is necessary to determine the priority of the problem to be solved and to find the most appropriate solution.
- The strategy of resolving a specific privacy issue in a graph may conflict with the solutions to other issues (seriously), so the user needs to carefully choose the solution to each problem.

Both of the aspects mentioned above can be turned into visualization designs.

2 To do

2.1 RelationLine. (ACM Transactions on Intelligent System Technology)

- 7.12: Modify the code. (Two new features have not yet been implemented. Moreover, some details need to be modified. I may not be able to complete programming alone. I hope to find a helper.)
- 7.15: Re-record the video. (This deadline must not be exceeded in that I may have no chance to access the cluster server during holidays.)

- 8.10: Edit the paper.

2.2 Geo-privacy (IEEE transactions on Human Machine System)

We plan to re-do the entire experiment. The new experiment has two sub-experiments. The first one is just like the previous one, which is designed to answer the question: how to choose the features (statistical features, semantic features, geographical features)? The second one will be added to expand the contribution, which is designed to answer the question: how to express the context (keeping geographical continuity or not)? We have finished coding now.

- 7.15: Write the introduction of the second experiment and re-organize the introduction of the first experiment.
- Next semester (we cannot find enough subjects during the holidays.): do two sub-experiments.
- Two weeks later: complete the submission.